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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/876,830
	Filing Date	June 6, 2001
	First Named Inventor	Michael W. Reed
	Art Unit	1637
	Examiner Name	Jezia Riley
Total Number of Pages in This Submission	Attorney Docket Number	290097.405

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Replacement Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD(s), Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <u>Return-Receipt Postcard</u>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual Name	David W. Parker Registration Number 37,414	
Signature		
Date	May 17, 2004	

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/876,830
Confirmation No. : 8679
Applicants : Michael W. Reed et al.
Filed : June 6, 2001
For : FLUORESCENT QUENCHING DETECTION REAGENTS AND
METHODS

Examiner : Jezia Riley
Art Unit : 1637
Docket No. : 290097.405
Customer No. : 35365
Date : May 17, 2004

Attn: Examiner Jezia Riley
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REPLACEMENT INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

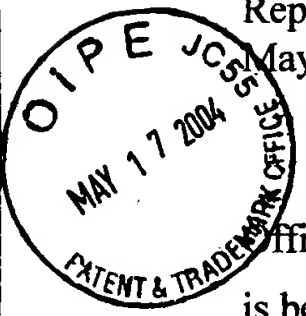
Please acknowledge receipt of this Replacement Information Disclosure Statement, which references were previously made known in the Information Disclosure Statement filed August 27, 2001, and kindly make the 48 cited references of record in the above-identified application.

As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references were made known to the Patent and Trademark

09/876,830

Replacement Information Disclosure Statement

May 17, 2004



Office in compliance with applicants' duty to disclose all information they were aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Should the Examiner have any questions or concerns, she may contact the undersigned at (425) 831-4405 to resolve the matter.

Respectfully submitted,

David W. Parker

Registration No. 37,414

DWP:scc

Enclosures:

Postcard

Forms PTO-1449 (3 sheets)

Cited References (48)

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
290097.405APPLICATION NO.
09/876,830**INFORMATION DISCLOSURE STATEMENT**

(Use separate sheets if necessary)

APPLICANTS

Michael W. Reed et al.

FILING DATE

June 6, 2001

GROUP ART UNIT

1637**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AB					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AC	Nonisotopic DNA Probe Techniques, Academic Press, Inc., San Diego 1992, pp. 311-352
AD	Tyagi et al., <i>Nat. Biotech.</i> , 16:49-53 (1998)
AE	Nzarenko et al., <i>Nucl. Acid Res.</i> , 25:2516-2521 (1997)
AF	Lee et al., <i>Nucl. Acid Res.</i> , 21:3761-3766 (1993)
AG	Rothman et al., <i>Biog. Med. Chem. Lett.</i> , 9:509-512 (1999)
AH	Matayoshi et al., <i>Science</i> , 247:954-958 (1990)
AI	Li et al., <i>Bioconj. Chem.</i> , 10:241-245 (1999)
AJ	Hawthorne et al., <i>Anal. Biochem.</i> , 253:13-17 (1997)
AK	Bickett et al., <i>Ann. N.Y. Acad. Sci.</i> , 732:351-355 (1994)
AL	White et al., <i>Anal. Biochem.</i> , 268:245-251 (1999)
AM	Petrie et al., <i>Bioconj. Chem.</i> , 3:85-87 (1992)
AN	Reed et al., <i>Bioconjug. Chem.</i> , 2:217-225 (1991)
AO	Pon et al., <i>Nucl. Acids Res.</i> , 25:3629-3635 (1997)
AP	Haugland et al., <i>Handbook of Fluorescent Probes and Research Chemicals</i> , Sixth Edition, Eugene, OR, pp. 235-236 (1996)
AQ	Hirshberg et al., <i>Biochem.</i> , 37:10381-10385 (1998)
AR	Wiegant et al., <i>Cytogenet. Cell Genet.</i> , 63:73-76 (1993)

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

290097.405

APPLICATION NO.

09/876,830

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Michael W. Reed et al.

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
BB					

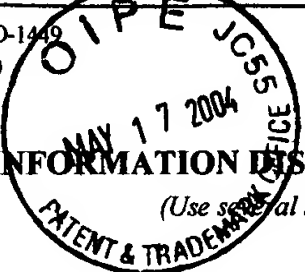
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	Gamper et al., <i>Nucleic Acids Res.</i> , 21:145-150 (1993)
BD	Lukhtanov et al., <i>Bioconjugate Chem.</i> , 7:564-567 (1996)
BE	Eisen, <i>Methods in Enzym.</i> , 303:179-205 (1999)
BF	Boger et al., <i>J. Org. Chem.</i> , 52:1521-1530 (1987)
BG	Uhlmann et al., <i>Angew. Chem. Inter. Ed.</i> , 37:2796-2823 (1998)
BH	Mayfield et al., <i>Anal. Biochem.</i> , 268:401-404 (1998)
BI	Holland et al., <i>Proc. Natl. Acad. Sci.</i> , 88:7276-7280 (1991)
BJ	Wittwer et al., <i>Biotechniques</i> , 22:176-181 (1997)
BK	Baker et al., <i>J. Chem. Soc.</i> , 170-173 (1950)
BL	Forchiassin et al., <i>J. Heterocyc. Chem.</i> 20:493-494 (1983)
BM	Seela et al., <i>J. Chem. Soc., Perkin Trans.</i> , 1:479-488 (1999)
BN	Innis et al. (eds.), <i>PCR Protocols</i> , pp. 1-27, Academic Press, San Diego (1990)
BO	Hames et al., (eds.), <i>Nucleic Acid Hybridisation: A Practical Approach</i> , pp. 47-110 IRL Press Limited, Oxford (1985)
BP	Van Ness et al., <i>Nucleic Acids Res.</i> , 19:5143-5151 (1991)
BQ	Sambrook et al., <i>Molecular Cloning: A Laboratory Manual</i> , pp. 11.45-11.57, Second Edition, Cold Spring Harbor Laboratory Press (1989)
BR	Freifelder, <i>Physical Biochemistry</i> , pp. 700-712, Second Edition, Freeman & Co., San Francisco (1982)

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FORM PTO-1449 (REV. 7-80)  INFORMATION DISCLOSURE STATEMENT (Use separate sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 290097.405	APPLICATION NO. 09/876,830
	APPLICANTS Michael W. Reed et al.		
	FILING DATE June 6, 2001	GROUP ART UNIT 1637	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
CB					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	Whitcombe, D. et al., <i>Nat. Biotech.</i> , 17:804-807 (1999)
CD	Cardullo et al., <i>Proc. Natl. Acad. Sci. USA</i> , 85:8790-8794 (1988)
CE	Du et al., PhotochemCAD. A Computer-Aided Design and Research Tool in Photochemistry, <i>Photochem. Photobiol.</i> , 68:141-142 (1998)
CF	Nielsen et al., <i>Science</i> , 254:1497-1500 (1991) bicyclo DNA oligomers
CG	Bolli et al., <i>Nucleic Acids Res.</i> , 24:4660-4667 (1996)
CH	Gamper et al., <i>Biochem</i> , 36:14816-14826 (1997)
CI	Milesi et al., <i>Methods Enzym.</i> , 313:164-73 (1999)
CJ	Livak et al., <i>PRC Methods Appl.</i> , 5:357-362 (1995)
CK	Ibrahim et al., <i>Mol. Cel. Probes</i> , 11:143-147 (1997)
CL	Demidov, <i>Proc. Natl. Acad. Sci. USA</i> , 92:2637-2641 (1995)
CM	Huang, <i>J. Org. Chem.</i> , 58:6235-6246 (1993)
CN	Seela, XIII International Round Table, Nucleosides, Nucleotides and Their Biological Applications, September 6-10, 1998, Poster 279
CO	Mayfield, <i>Biorg. Med. Chem. Lett.</i> , 9:1419-1422 (1999)
CP	Cantor et al., <i>Biopolymers</i> , 9:1059-1077 (1970)
CQ	ASANUMA et al., "Photo-Responsive Oligonucleotides Carrying Azobenzene in the Side-Chains", <i>Tetrahedron Letters</i> , 39:9015-9018 (1998)
CR	SOKOL et al., Real time detection of DNA-RNA hybridization in living cells", <i>Proc. Nat'l Acad. Sci.</i> , 95:11538-11543 (September 1998)

EXAMINER	DATE CONSIDERED
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